



POLY FERT
— FOR INDUSTRY & TRADE —

PF-μ4

PFμ4 is a fine particle 0size, highly purity and whiteness Calcium Carbonate (CaCO₃) product which produced from Menia governorate limestone Milles.

CHEMICAL ANALYSIS AND PHYSICAL SPECIFICATION

Chemical Analysis		
CaCO ₃	99 %	Min
MgCO ₃	0.20 %	Max
Fe ₂ O ₃	0.01 %	Max
Al ₂ O ₃	0.04 %	Max
SiO ₂	0.01 %	Max
Na ₂ O	0.05 %	Max
CaO	56.06%	Max
L.O.I	43.89 %	Max

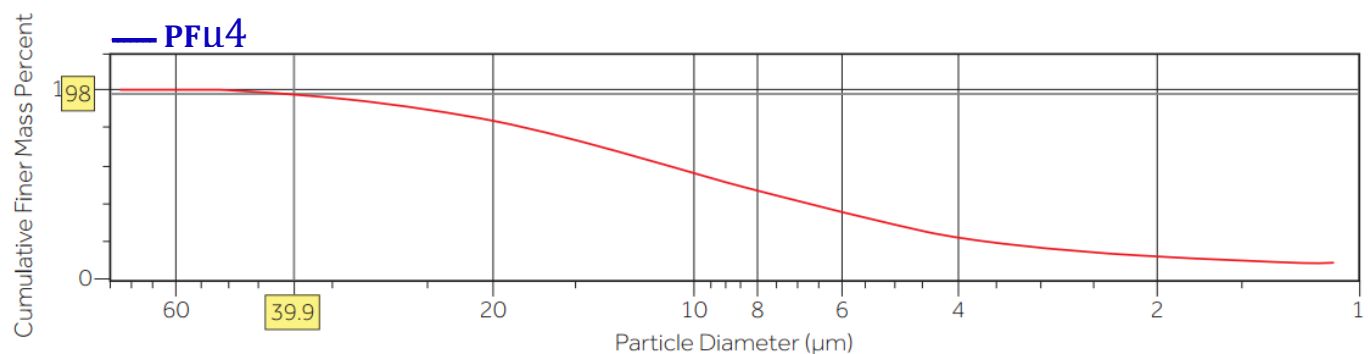
Physical Specification	
Whiteness	95% Min (Din 6174)
Refractive index	1.59 %
Humidity	0.2 % Max
Hardness (Mohs)	3.00
Density of CaCO ₃	2.730 g/cm ₃
p ^H	9 (iSO 787/9)
Oil absorption	19.0 ml/100g (iSO 787/5)
Bulk Density	0.85 g/ml (iSO 787/11)

FINENESS

Particle Size Distribution:

PARTICLES < 2 MM	MAIN PARTICLE SIZE (D50)	TOP CUT (D98)
-----	7.0 μm Max	40.0 ± 3.00 μm

CUMULATIVE FINER MASS PERCENT vs. DIAMETER



Address :

24 Mistr Lel Taamir Buildings / Mustafa El Nahhas Extension Fourth floor, Apartment 20 Above EL Ezaby Pharmacy

Phone :

02-235-735-55
info@poly-fert.com



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